

Henk Huisman

List of Publications by Year in descending order

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| # | ARTICLE | IF | CITATIONS |
|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1 | A 80-kW Isolated DC-DC Converter for Railway Applications. IEEE Transactions on Power Electronics, 2015, 30, 6639-6647. | 7.9 | 63 |
| 2 | An Analysis of the Highly Linear Transfer Characteristics of Dual-Buck Converters. IEEE Transactions on Industrial Electronics, 2018, 65, 4681-4690. | 7.9 | 19 |
| 3 | Fast-Shared Current Transient Response in High-Precision Interleaved Inverters. IEEE Transactions on Power Electronics, 2011, 26, 3308-3317. | 7.9 | 12 |
| 4 | Charge-based ZVS modulation of a 3-5 level bidirectional dual active bridge DC-DC converter. , 2016, , . | | 12 |
| 5 | Comparative Evaluation of Bidirectional Dual Active Bridge DC-DC Converter Variants. , 2016, , . | | 10 |
| 6 | ZVS modulation strategy for a 3 - 5 level bidirectional Dual Active Bridge DC - DC converter. , 2016, , . | | 9 |
| 7 | Innovative and Highly Integrated Modular Electric Drivetrain. World Electric Vehicle Journal, 2019, 10, 89. | 3.0 | 5 |
| 8 | Thermal Stress Reduction of Power MOSFET with Dynamic Gate Voltage Control and Circulation Current Injection in Electric Drive Application. Electronics (Switzerland), 2020, 9, 2025. | 3.1 | 5 |
| 9 | Thermal Stress Reduction of Power MOSFET in Electric Drive Application with Dynamic Gate Driving Strategy. , 2021, , . | | 4 |
| 10 | Input Current Ripple Analysis of Six-Phase Full-Bridge Inverters. , 2021, , . | | 2 |
| 11 | A Heuristic Method to Improve Power Cycling Related Lifetime in Series Connectable Modular Full-Bridge Inverter. , 2020, , . | | 1 |
| 12 | Improved Dynamic Behavior for the Series-Resonant Converter Using Bidirectional Charge Control. IEEE Transactions on Power Electronics, 2022, 37, 11607-11619. | 7.9 | 1 |
| 13 | Influence of Dead-Time and Diode's Reverse Recovery on the Input Current Ripple of Three-phase Voltage Source Inverters. , 2022, , . | | 1 |